

Appl. No. 10/696,813
Examiner: Hewitt, James M, Art Unit 3679
In response to the Office Action dated August 2, 2006

Date: November 30, 2006
Attorney Docket No. 10111394

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): An inflatable product, including:

a first chamber;
a pack having an air intake connected to the outside of the first chamber and a first air outlet connected to the inside of the first chamber, wherein the pack is built in the first chamber;
a first valve for opening and closing the first air outlet, wherein the first valve is a two-way valve received in the pack; and
a fan and motor received in the pack, wherein air is pumped by the fan and motor from the outside of the first chamber through the air intake and the first valve and then into the first chamber from the first air outlet.

Claim 2 (previously presented): The inflatable product as claimed in claim 1, further including a second chamber, and the pack further having a second air outlet connected to the second chamber so that the fan and motor pump air into the second chamber through the second air outlet.

Claim 3 (previously presented): The inflatable product as claimed in claim 2, further including a second valve for opening and closing the second air outlet.

Claim 4 (withdrawn): The inflatable product as claimed in claim 1, further including a second chamber and a two-way valve device connected between the first and second chamber so that the air in the first chamber flows into the second chamber through the two-way valve device.

Claim 5 (previously presented): The inflatable product as claimed in claim 1, further including a valve switch to open the first valve.

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Claim 6 (previously presented): The inflatable product as claimed in claim 5, wherein the valve switch includes a cam element, a bar and a spring, the cam element is rotated between a first orientation and a second orientation, and when the cam element is in the first orientation, the bar is depressed by the cam element, and the spring is compressed by the bar to open the first valve.

Claim 7 (previously presented): The inflatable product as claimed in claim 6, wherein the cam element has a recess, and when the cam element is in the second orientation, the bar is pushed by the spring and received in the recess to close the first valve.

Claim 8 (currently amended): An inflatable product; including;

 a first chamber;
 a pack having an air intake connected to the outside of the first chamber and a first air outlet connected to the inside of the first chamber, wherein the pack is built in the first chamber;
 a first valve for manually opening and closing the first air outlet, wherein the first valve is a two-way valve connected to the pack; and
 a motor connected to a fan for rotating the fan to pump air from the outside of the first chamber through the air intake and the first valve and then into the first chamber from the first air outlet.

Claim 9 (previously presented): The inflatable product as claimed in claim 8, further including a second chamber, and the pack further having a second air outlet connected to the second chamber so that the fan and motor pump air into the second chamber through the second air outlet.

Claim 10 (previously presented): The inflatable product as claimed in claim 9, further including a second valve for opening and closing the second air outlet.

Claim 11 (previously presented): The inflatable product as claimed in claim 8, further including a valve switch to open the first valve.

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Claim 12 (previously presented): The inflatable product as claimed in claim 11, wherein the valve switch includes a spring, the valve switch is moveable between a first orientation and a second orientation, and when the valve switch is in the first orientation, the spring is compressed to open the first valve.

Claim 13 (previously presented): The inflatable product as claimed in claim 11, wherein the valve switch includes a cam element, a bar and a spring, the cam element is rotated between a first orientation and a second orientation, and when the cam element is in the first orientation, the bar is depressed by the cam element, and the spring is compressed by the bar to open the first valve.

Claim 14 (previously presented): The inflatable product as claimed in claim 13, wherein the cam element has a recess, and when the cam element is in the second orientation, the bar is pushed by the spring and received in the recess to close the first valve.

Claim 15 (withdrawn): The inflatable product as claimed in claim 10, further including a valve switch to selectively open the first valve or the second valve.

Claim 16 (withdrawn): The inflatable product as claimed in claim 15, wherein the valve switch comprises a cantilever arm, and the cantilever arm is rotated to selectively depress the first valve or the second valve for selectively opening the first valve or the second valve.

Claim 17 (canceled)

Claim 18 (withdrawn): The inflatable product as claimed in claim 3, further including a valve switch to selectively open the first valve or the second valve.

Claim 19 (canceled)